

Landsburg Fish Passage Project



Landsburg Fish Passage Project Participants

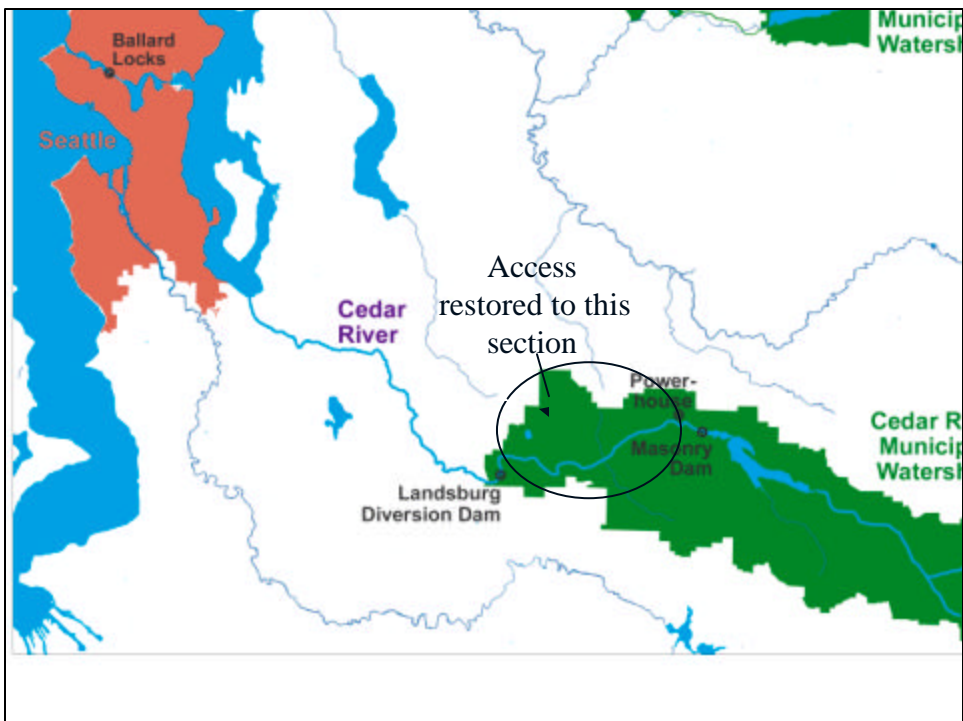
- Government agencies
 - SPU
 - WDFW
 - NMFS
 - USFWS
 - ACOE
 - KC DNR
 - KC DDES
 - WDOE
- Muckleshoot Indian Tribe
- Stakeholders
 - Trout Unlimited
 - Puget Sound Anglers
 - Northwest Marine Trade Association
 - Washington Trout
 - Boating community

Objectives

- Restore anadromous access to aquatic habitat above Landsburg Dam
- Complete project by 2003



Headwater area of the Cedar River



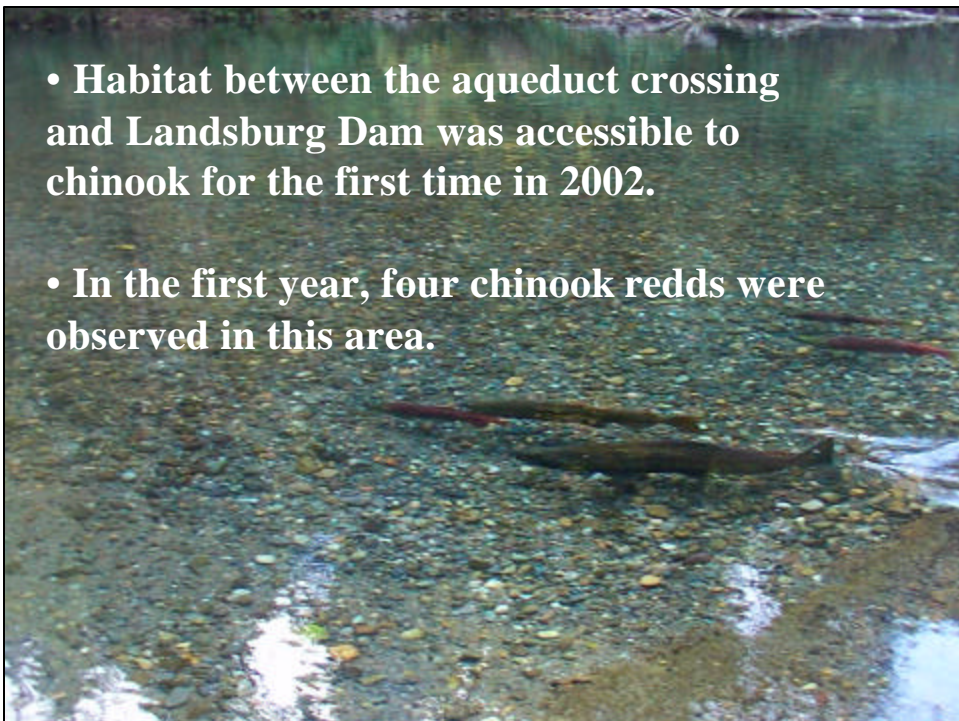
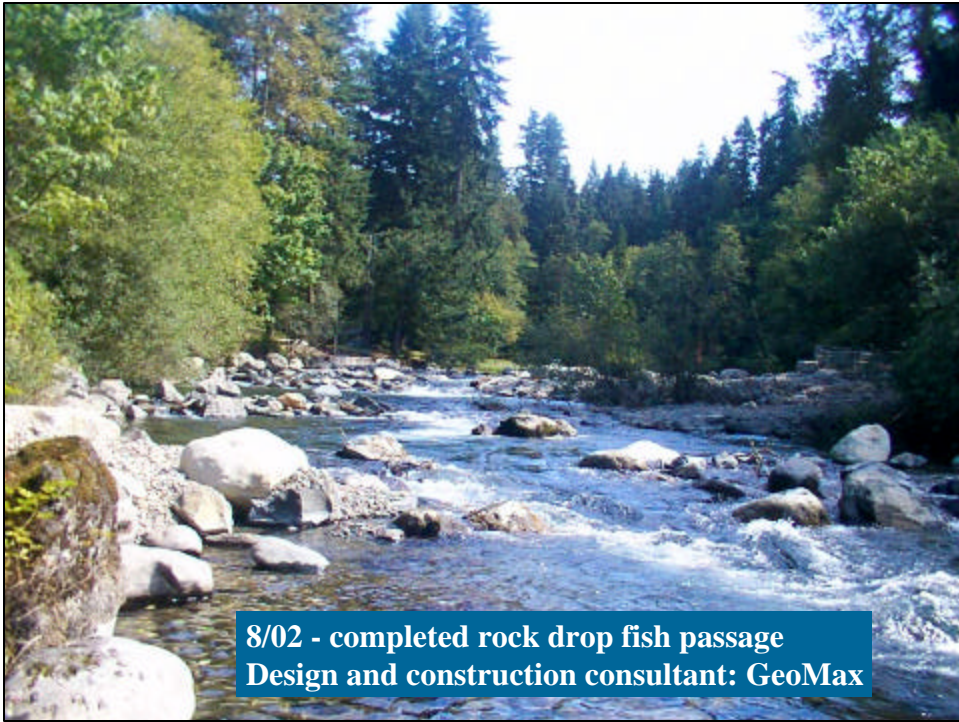
Fish Passage Components

- Aqueduct passage
- Upstream passage facility at Landsburg Dam
- Downstream passage at Landsburg Dam
 - Modification of control gate
 - Installation of new fish screens



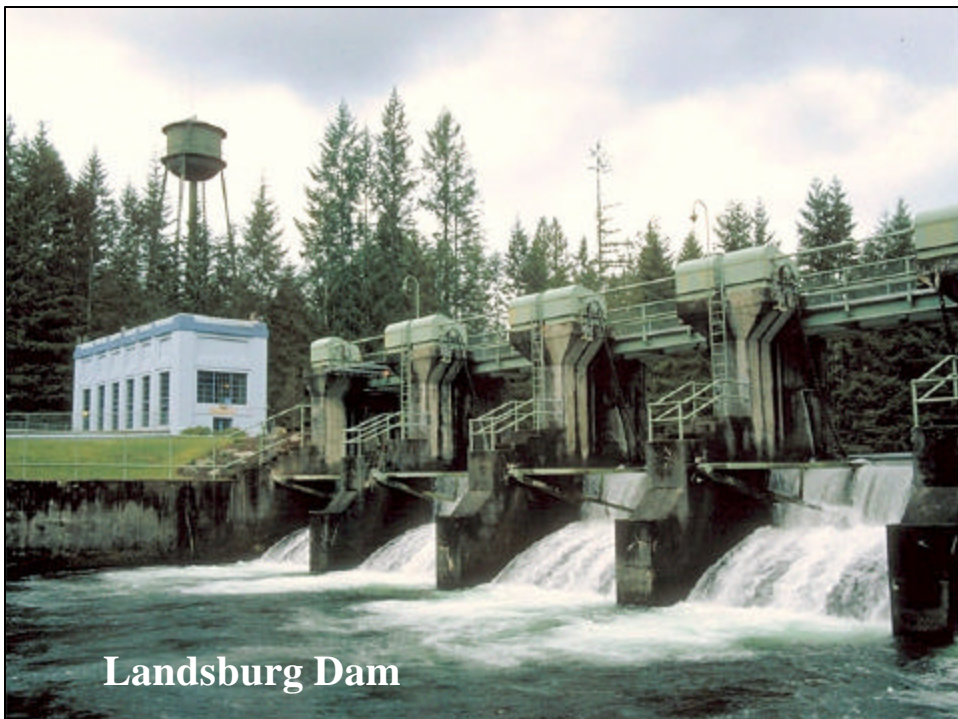
Aqueduct crossing - before



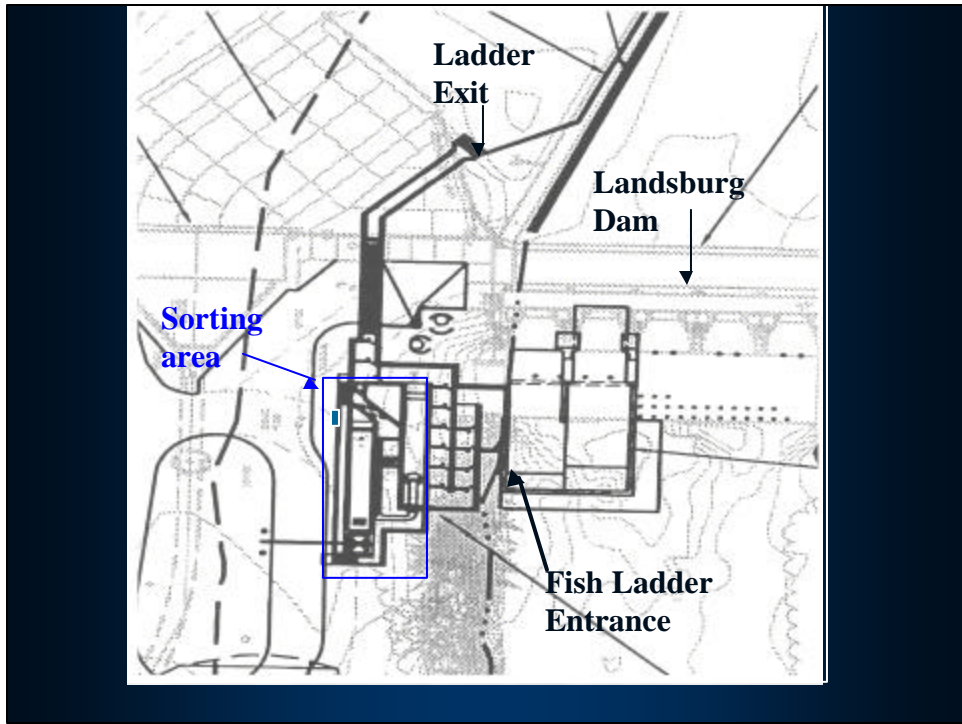


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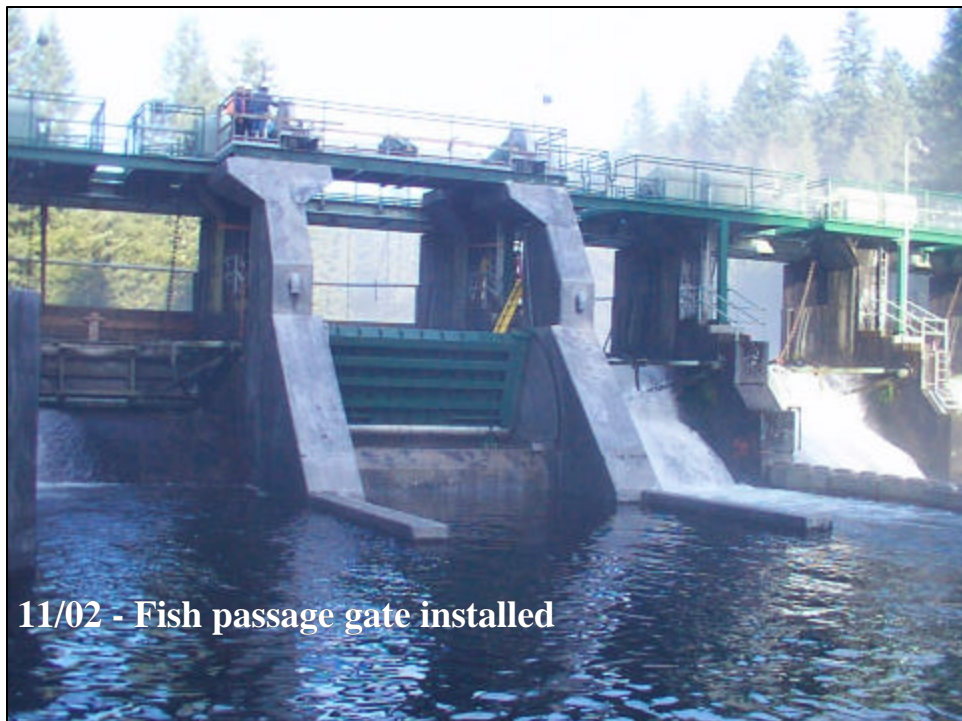
Landsburg Dam





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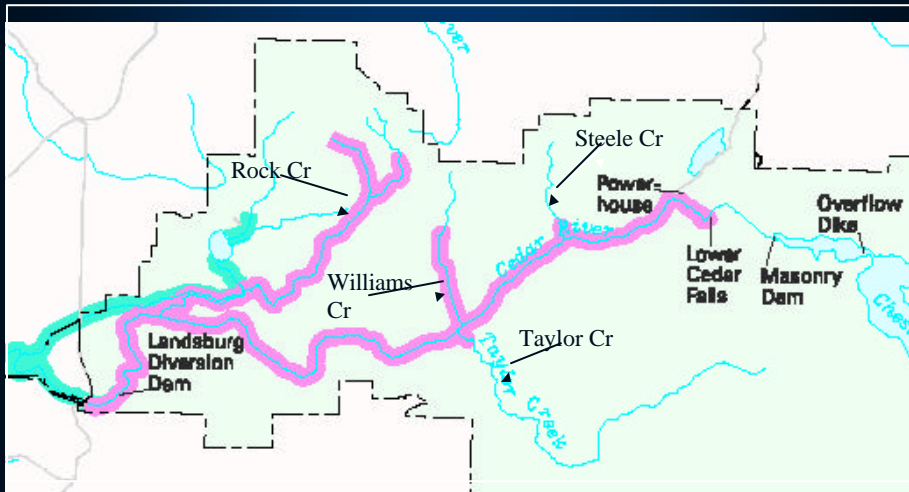




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12/02 - Fish screen construction



Anadromous salmonids will be able to access highlighted areas above Landsburg Dam

Mainstem Habitat



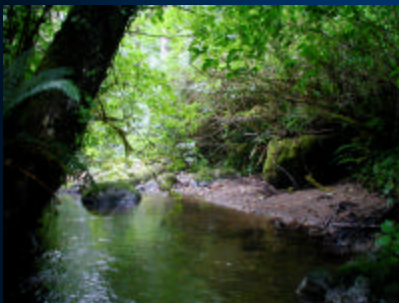
- Total area available:
 - 12.5 miles
 - 405,000 m²
- Riffles - 35%
- Step pools - 30%
- Flatwaters - 26%
- Pools - 8%
- Cascades - 1%



Spawning area above Landsburg



Tributary Habitat



- Over 7 miles available
- Total area $> 78,000 \text{ m}^2$
- Higher proportion of pools
- More LWD



Landsburg Fish Passage Project

- Fish passage above Landsburg by September 2003
- Unique research opportunity to study colonization

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